



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : C07K 1/00	A1	(11) International Publication Number: WO 00/26231 (43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/US99/25439 (22) International Filing Date: 29 October 1999 (29.10.99) (30) Priority Data: 60/106,383 29 October 1998 (29.10.98) US 60/106,448 30 October 1998 (30.10.98) US (71) Applicant (for all designated States except US): DANA-FARBER CANCER INSTITUTE [US/US]; 44 Binney Street, Boston, MA 02115 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SHIPP, Margaret [-/US]; 3 Middlesex Street, Wellesley, MA (US). AGUIAR, Ricardo [-/US]; 44 Broadlawn Place #16A, Chestnut Hill, MA (US). YAKUSHIJIN, Yoshi [-/JP]; Takanoko Mansion 505, Matsuyama, Ehime (JP). (74) Agents: MANDRAGOURAS, Amy, E. et al.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).		(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: LYMPHOMA ASSOCIATED MOLECULES AND USES THEREFOR (57) Abstract The invention provides isolated nucleic acids molecules, designated BAL nucleic acid molecules, which are differentially expressed in non-Hodgkin's lymphoma. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing BAL nucleic acid molecules, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which a BAL gene has been introduced or disrupted. The invention still further provides isolated BAL proteins, fusion proteins, antigenic peptides and anti-BAL antibodies. Diagnostic methods using compositions of the invention are also provided.		